

Nova's Habitat Expedition

Learning objective: To identify how animals and plants are adapted to suit their environment in different habitats.

Join Nova the barn owl on an exploration of the natural world! Read each question carefully and circle your answer or write your response in the space provided.

Answer Key: 1. B, 2. True, 3. A, 4. False, 5. C, 6. Adaptation, 7. True, 8. B, 9. False, 10. D.

Word bank: adaptation · environment · predator · prey · camouflage · ecosystem · classification

1. Which term describes a feature that helps an organism survive in its habitat? A) Evolution B) Adaptation* C) Inheritance D) Extinction (1 mark)

2. True or False: Animals living in cold polar regions often have thick layers of blubber to stay warm. (1 mark)

3. What is the primary purpose of camouflage? A) To hide from predators or prey* B) To keep the animal warm C) To help the animal swim faster D) To attract a mate (1 mark)

4. True or False: All plants are perfectly adapted to live in a desert habitat. (1 mark)

5. Which of these is an example of an invertebrate? A) A lion B) An owl C) A snail* D) A dolphin (1 mark)

6. Fill in the blank: An animal that hunts other animals for food is called a _____. (1 mark)

7. True or False: A cactus has spines instead of leaves to help reduce water loss in dry habitats. (1 mark)

8. Which habitat is characterised by high rainfall and dense vegetation? A) Tundra B) Rainforest* C) Desert D) Grassland (1 mark)

9. True or False: Humans have no impact on the natural habitats of wild animals. (1 mark)

10. 10. Which feature helps a fish breathe underwater? A) Lungs B) Fins C) Scales D) Gills*
(1 mark)

Draw: Draw an imaginary animal. Label three unique 'adaptations' that help this creature survive in a habitat of your choice (e.g., a swamp, a forest, or the deep ocean).



Extension challenge: Nova wants to know: If a new housing estate was built on a local meadow, how might the food chain be affected? Write a short paragraph explaining your thoughts.